

Summary of Sampled Properties La Salle, IL 61301

Sample Locations	Date(s) Sampled	Amount	Media	Analysis	Exceed Regulatory Limits
599 Cannan Drive	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
Fire Station #2	1/20/2023	1	Soil	Manganese, Potassium	No
1250 Grant Avenue	2/21/2023	1	Soil	Arsenic, Cadmium, Lead, Manganese, Potassium, Zinc	No
Hegeler Park	1/20/2023	2	Soil	Manganese, Potassium	No
1522 Laharpe Street	3/9/2023	3	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
1618 Laharpe Street	1/24/2023	1	Soil	Manganese, Potassium	No
Mattheissen Park	1/20/2023	2	Soil	Manganese, Potassium	No
	3/9/2023	2	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
Northwest School	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
1266 Oconor Avenue	1/24/2023	1	Soil	Manganese, Potassium	No
	2/21/2023	1	Grass	Manganese, Potassium	No
1214 Porter Avenue	1/24/2023	1	Soil	Manganese, Potassium	No
	2/21/2023	1	Grass	Manganese, Potassium	No
1409 Porter Avenue	1/24/2023	1	Soil	Manganese, Potassium	No
		1	Granular Material	Manganese, Potassium	N/A (granular material)
		1	Roof Water Runoff	Manganese, Potassium	Yes if compared to GW Limits
1446 Porter Avenue	1/24/2023	1	Soil	Manganese, Potassium	No
	2/21/2023	1	Grass	Manganese, Potassium	Yes if compared to Soil Limits
Rotary Park	1/20/2023	1	Water	Manganese, Potassium	No
		1	Soil	Manganese, Potassium	No
St. Marys Park	1/24/2023	2	Soil	Manganese, Potassium	No
	3/9/2023	2	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
126 Vermilionvue Trace	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
54 Victoria Drive	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
1448 Zinc Street	1/20/2023	1	Soil	Manganese, Potassium	No
1513 Zinc Street	2/21/2023	3	Grass	Manganese, Potassium	Yes if compared to Soil Limits
		6	Soil	Arsenic, Cadmium, Lead, Manganese, Potassium, Zinc	Yes
	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	Yes
1524 Zinc Street	1/24/2023	1	Soil	Manganese, Potassium	No
1613 Zinc Street	3/9/2023	1	Soil	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Manganese, Potassium, Zinc, Mercury	No
1649 Zinc Street	1/24/2023	1	Soil	Manganese, Potassium	No

Soil Analytical Results Summary
Caring Hands Daycare/Mighty Word Church
599 Cannan Drive
LaSalle, IL 61301

Sample ID	599 Cannan Drive (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	3/9/2023							
Arsenic (mg/kg)	5.7	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	174	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	13.9	230	270			13	4.3 - 37	13
Lead (mg/kg)	20.3	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	1,130	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	927	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	130	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

 Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

 Arsenic: For the ingestion route see Section 742.Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742.Appendix A, Table G

Sample ID Sample Location

599 Cannan Drive (0"-3") Playground area of the Caring Hands Daycare/Mighty Word Church from a depth ranging between 0"-3"

Soil Analytical Results Summary

Fire Station #2

Southwest Corner of Sterling Street and Highway 6

LaSalle, IL 61301

Sample ID	Fire Sta #2	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	1/20/2023							
Manganese (mg/kg)	676	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,060	-	-	-	-	1,100	280 - 5,600	1,100



Indicates a concentration exceeds a Residential Remediation Objective

Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID

Fire Sta #2

Sample Location

Yard of Fire Station No. 2 located at the southwest corner of Sterling Street and Highway 6

Soil Analytical Results Summary
1250 Grant Avenue
LaSalle, IL 61301

Sample ID	1250 Grant (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	2/21/2023							
Arsenic (mg/kg)	4.6	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Cadmium (mg/kg)	1.2	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Lead (mg/kg)	36.4	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Manganese (mg/kg)	520	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,400	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	193	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2

Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

**** Arsenic: For the ingestion route see Section 742.Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742.Appendix A, Table G is included in parenthesis.

Sample ID **Sample Location**
1250 Grant (0"-3") Front yard of the 1250 Grant Street residence at a depth ranging from 0"-3"

Soil Analytical Results Summary
Hegeler Park
LaSalle, IL 61301

Sample ID	HP-1	HP-2	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
			Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil	Soil							
Date Collected	1/20/2023	1/20/2023							
Manganese (mg/kg)	588	587	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,390	1,370	-	-	-	-	1,100	280 - 5,600	1,100

 Indicates a concentration exceeds a Residential Remediation Objective

 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID	Sample location
HP-1	Hegeler Park West Playground
HP-2	Hegeler Park East Playground

Soil Analytical Results Summary

1522 Laharpe Street

LaSalle, IL 61301

Sample ID	1522 Laharpe Street-1 (0"-3")	1522 Laharpe Street-2 (0"-3")	1522 Laharpe Street-3 (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
				Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Date Collected	3/9/2023	3/9/2023	3/9/2023							
Arsenic (mg/kg)	7.5	8.3	6.3	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	177	171	158	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	0.6	0.6	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	17	16.5	16.4	230	270			13	4.3 - 37	13
Lead (mg/kg)	18.1	19.4	15.4	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	<1.0	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	<0.2	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	948	1,060	628	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,470	1,340	1,440	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	62.6	56	78.8	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	<0.05	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

*** Arsenic: For the ingestion route see Section 742. Appendix A, Table G of the Illinois Pollution Control Boards (IPCBB) Title 35 Procedural and Environmental Rules.

Sample ID Sample Location

- 1522 Laharpe Street- Back yard of the 1522 Laharpe Street residence from a depth ranging between 0"-3"
- 1522 Laharpe Street- Back yard of the 1522 Laharpe Street residence from a depth ranging between 0"-3"
- 1522 Laharpe Street- Front yard of the 1522 Laharpe Street residence from a depth ranging between 0"-3"

Soil Analytical Results Summary
1618 Laharpe Street
LaSalle, IL 61301

		Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
Sample ID	1618 Laharpe	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	1/24/2023							
Manganese (mg/kg)	794	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	2,460	-	-	-	-	1,100	280 - 5,600	1,100



Indicates a concentration exceeds a Residential Remediation Objective



Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID

1618 Laharpe

Sample Location

Front yard of the 1618 Laharpe Street residence

Soil Analytical Results Summary
Mattheissen Park
1255 9th Street
LaSalle, IL 61301

					Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels				
Sample ID	MP-1	MP-2	MP-3/9-1 (0"-3")	MP-3/9-2 (0"-3")	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)	Metals Background Outside Metropolitan Statistical Area	Background	
Media	Soil	Soil	Soil	Soil						Range	Median
Date Collected	1/20/2023	1/20/2023	3/9/2023	3/9/2023							
Arsenic (mg/kg)	-	-	6.8	9.1	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	-	-	166	212	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	-	-	0.5	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	-	-	18	15.6	230	270			13	4.3 - 37	13
Lead (mg/kg)	-	-	17	24.4	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	-	-	<1.0	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	-	-	<0.2	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	543	525	675	1,560	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,430	1,350	1,640	1,610	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	-	-	73.1	78.2	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	-	-	<0.05	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

 Indicates a concentration exceeds a Residential Remediation Objective

 Indicates a concentration exceeds the Yard Area Cleanup Level

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

***" Arsenic: For the ingestion route see Section 742. Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental

Sample ID

Sample Location

- MP-1 Mattheissen Park Playground
- MP-2 Mattheissen Park Baseball Diamond
- MP-3/9-1 (0"-3") Mattheissen Park Playground from a depth ranging between 0"-3"
- MP-3/9-2 (0"-3") Mattheissen Park Baseball Diamond from a depth ranging between 0"-3"

Soil Analytical Results Summary
Northwest Elementary School
1735 Malcolm Avenue
LaSalle, IL 61301

Sample ID	Northwest School (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	3/9/2023							
Arsenic (mg/kg)	6.3	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	233	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	2.2	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	14.4	230	270			13	4.3 - 37	13
Lead (mg/kg)	24.4	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	352	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	936	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	337	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

 Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

 Arsenic: For the ingestion route see Section 742. Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742. Appendix A, Table G is included in parenthesis.

Sample ID Sample Location

Northwest School (0"- Northwest Elementary School east yard from a depth ranging between 0"-3"

Soil & Grass Analytical Results Summary
1266 Oconor Avenue
LaSalle, IL 61301

Sample ID	1266 Oconor	1266 Oconor-G	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
			Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil	Grass							
Date Collected	1/24/2023	2/21/2023							
Manganese (mg/kg)	697	453	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,750	2,400	-	-	-	-	1,100	280 - 5,600	1,100

 Indicates a concentration exceeds a Residential Remediation Objective

 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID	Sample Location
1266 Oconor	Front yard of the 1266 Oconor Avenue residence
1266 Oconor-G	Front yard of the 1266 Oconor Avenue residence

Soil & Grass Analytical Results Summary
1214 Porter Avenue
LaSalle, IL 61301

Sample ID	1214 Porter	1214 Porter-G	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
			Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil	Grass							
Date Collected	1/24/2023	2/21/2023							
Manganese (mg/kg)	672	735	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	2,340	<120	-	-	-	-	1,100	280 - 5,600	1,100

 Indicates a concentration exceeds a Residential Remediation Objective

 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID	Sample Location
1214 Porter	Front yard of the 1214 Porter Avenue residence
1214 Porter-G	Front yard of the 1214 Porter Avenue residence

Soil, Granular Material, & Roof Water Runoff Analytical Results Summary

1409 Porter Avenue

LaSalle, IL 61301

Sample ID	1409 Porter-3	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	1/24/2023							
Manganese (mg/kg)	248	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,900	-	-	-	-	1,100	280 - 5,600	1,100

Sample ID	1409 Porter-1	1409 Porter-2	Illinois EPA TACO Groundwater Remediation Objectives	
			Class I Groundwater Remediation Objectives	Class II Groundwater Remediation Objectives
Media	Granular Material	Roof Water Runoff		
Date Collected	1/24/2023	1/24/2023		
Manganese (mg/kg)	276,000	0.865	0.15	10
Potassium (mg/kg)	133,000	1,210	-	-

-  Indicates a concentration exceeds a Residential Remediation Objective
-  Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)
-  indicates a concentraton exceeds a Groundwater Remediation Objective

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID	Sample Location
1409 Porter-1	1409 Porter Avenue residence
1409 Porter-2	1409 Porter Avenue residence
1409 Porter-3	Back yard of the 1409 Porter Avenue residence

Soil & Grass Analytical Results Summary
1446 Porter Avenue
LaSalle, IL 61301

Sample ID	1446 Porter	1446 Porter-G	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
			Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil	Grass							
Date Collected	1/24/2023	2/21/2023							
Manganese (mg/kg)	493	1,760	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,860	<120	-	-	-	-	1,100	280 - 5,600	1,100

 Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID	Sample Location
1446 Porter	Front yard of the 1446 Porter Avenue residence
1446 Porter-G	Front yard of the 1446 Porter Avenue residence

Soil & Water Analytical Results Summary

Rotary Park

LaSalle, IL 61301

			Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Illinois EPA TACO Groundwater Remediation Objectives		Metals Background Outside Metropolitan Statistical Area	Background	
Sample ID	RP-1	RP-2	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)	Class I Groundwater Remediation Objectives	Class II Groundwater Remediation Objectives	630	Range	Median
Media	Pond Water	Soil									
Date Collected	1/20/2023	1/20/2023									
Manganese (mg/kg)	0.02	875	1,600	69,000	2,329	1,056	0.15	10	630	61.5 - 3,710	630
Potassium (mg/kg)	6.4	2,370	-	-	-	-	-	-	1,100	280 - 5,600	1,100



Indicates a concentration exceeds a Residential Remediation Objective



Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)



Indicates a concentration exceeds a Groundwater Remediation Objective

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID

Sample Location

RP-1

Rotary Park Pond

RP-2

South side of Rotary Park pond

Soil Analytical Results Summary
St Marys Park
950 Grant Avenue
LaSalle, IL 61301

Sample ID	950 Grant-1	950 Grant-2	SMP-3/9-1 (0"-3")	SMP-3/9-2 (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
					Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil	Soil	Soil	Soil							
Date Collected	1/24/2023	1/24/2023	3/9/2023	3/9/2023							
Arsenic (mg/kg)	-	-	6.5	6.6	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	-	-	158	153	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	-	-	2.4	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	-	-	13.8	15.4	230	270			13	4.3 - 37	13
Lead (mg/kg)	-	-	41.5	26.2	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	-	-	<1.0	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	-	-	<0.2	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	812	955	505	697	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,340	1,530	1,340	1,600	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	-	-	404	96.2	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	-	-	<0.05	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

 Indicates a concentration exceeds a Residential Remediation Objective
 Indicates a concentration exceeds the Yard Area Cleanup Levels (2)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

*** Arsenic: For the ingestion route see Section 742. Appendix A, Table G of the Illinois Pollution Control Boards (IPC) Title 35 Procedural and Environmental

Sample ID	Sample Location
950 Grant-1	St Marys Park Baseball Diamond
950 Grant-2	St Marys Park Playground
SMP-3/9-1 (0"-3")	St. Marys Park Baseball Diamond from a depth ranging between 0"-3"
SMP-3/9-2 (0"-3")	St. Marys Park Playground from a depth ranging between 0"-3"

Soil Analytical Results Summary
126 Vermillionvue Trace
LaSalle, IL 61301

Sample ID	126 Vermillionvue Trace (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	3/9/2023							
Arsenic (mg/kg)	7.3	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	146	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	1.1	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	16	230	270			13	4.3 - 37	13
Lead (mg/kg)	22.1	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	576	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,670	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	190	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

******* Indicates a concentration exceeds a Residential Remediation Objective
--- Indicates a concentration exceeds the Yard Area Cleanup Level

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

*** Arsenic: For the ingestion route see Section 742.Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742.Appendix A, Table G is included in parenthesis.

Sample ID 126 Vermillionvue Trace (0"-3") **Sample Location** Front yard of the 126 Vermillionvue Trace residence from a depth ranging between 0"-3"

Soil Analytical Results Summary
54 Victoria Drive
LaSalle, IL 61301

Sample ID	54 Victoria Drive (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	3/9/2023							
Arsenic (mg/kg)	5.4	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	139	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	13.6	230	270			13	4.3 - 37	13
Lead (mg/kg)	17.4	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	740	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,370	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	82.5	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

******* Indicates a concentration exceeds a Residential Remediation Objective
--- Concentration exceeds the Yard Area Clean

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Arsenic: For the ingestion route see Section 742. Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742. Appendix A, Table G is included in parenthesis.

Sample ID

54 Victoria Drive (0"-3")

Sample Location

Front yard of the 54 Victoria Drive residence from a depth ranging between 0"-3"

Soil Analytical Results Summary

1448 Zinc Street

LaSalle, IL 61301

		Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels				
Sample ID	1448 Zinc	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)	Metals Background Outside Metropolitan Statistical Area	Background	
Media	Soil						Range	Median
Date Collected	1/20/2023							
Manganese (mg/kg)	722	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,490	-	-	-	-	1,100	280 - 5,600	1,100

 Indicates a concentration exceeds a Residential Remediation Objective

 Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID

1448 Zinc

Sample Location

Front yard of the 1448 Zinc Street residence

Soil & Grass Analytical Results Summary

1513 Zinc Street

LaSalle, IL 61301

Sample ID	1513 Zinc-A-G	1513 Zinc-A-(0"-3")	1513 Zinc-A-(3"-6")	1513 Zinc-B-G	1513 Zinc-B-(0"-3")	1513 Zinc-B-(3"-6")	1513 Zinc-C-G	1513 Zinc-C-(0"-3")	1513 Zinc-C-(3"-6")	1513 Zinc Street-D (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background		
											Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median	
											Media	Grass	Soil	Soil		Grass	Soil	Soil
Date Collected	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	2/21/2023	3/9/2023							
Arsenic (mg/kg)	-	6.4	7.3	-	25	11.2	-	14.3	22.9	15.5	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2	
Barium (mg/kg)	-	-	-	-	-	-	-	-	-	195	5,500	690,000			122	22.4 - 253	122	
Cadmium (mg/kg)	-	4.7	7.2	-	50.1	24.1	-	11.3	20.9	11.9	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5	
Chromium (mg/kg)	-	-	-	-	-	-	-	-	-	14.2	230	270			13	4.3 - 37	13	
Lead (mg/kg)	-	225	145	-	447	2,000	-	90.6	192	96.3	400	-	400	400	20.9	ND (<7.44 - 270)	20.9	
Selenium (mg/kg)	-	-	-	-	-	-	-	-	-	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37	
Silver (mg/kg)	-	-	-	-	-	-	-	-	-	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5	
Manganese (mg/kg)	608	515	444	1,640	1,610	795	924	659	715	943	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630	
Potassium (mg/kg)	2,130	1,410	1,260	3,120	1,960	1810	<120	1,700	1,680	1,740	-	-	-	-	1,100	280 - 5,600	1,100	
Zinc (mg/kg)	-	616	990	-	5,170	2,960	-	1,430	2530	1,480	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2	
Mercury (mg/kg)	-	-	-	-	-	-	-	-	-	0.07	23	20			0.05	ND (<0.01 - 1.67)	0.05	

Indicates a concentration exceeds a Residential Remediation Objective

Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

**** Arsenic: For the ingestion route see Section 742.Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742.Appendix A, Table G is included in parenthesis.

Sample ID	Sample Location
1513 Zinc-A-G	Front yard of the 1513 Zinc Street residence within Section A
1513 Zinc-A-(0"-3")	Front yard of the 1513 Zinc Street residence within Section A at a depth ranging from 0"-3"
1513 Zinc-A-(3"-6")	Front yard of the 1513 Zinc Street residence within Section A at a depth ranging from 3"-6"
1513 Zinc-B-G	Back yard of the 1513 Zinc Street residence within Section B
1513 Zinc-B-(0"-3")	Back yard of the 1513 Zinc Street residence within Section B at a depth ranging from 0"-3"
1513 Zinc-B-(3"-6")	Back yard of the 1513 Zinc Street residence within Section B at a depth ranging from 3"-6"
1513 Zinc-C-G	Back yard of the 1513 Zinc Street residence within Section C
1513 Zinc-C-(0"-3")	Back yard of the 1513 Zinc Street residence within Section C at a depth ranging from 0"-3"
1513 Zinc-C-(3"-6")	Back yard of the 1513 Zinc Street residence within Section C at a depth ranging from 3"-6"
1513 Zinc Street-D (0"-3")	Back yard of the 1513 Zinc Street residence within Section D at a depth ranging from 0"-3"

Soil & Grass Sampling Results Compared to Previous EPA Sampling

1513 Zinc Street

LaSalle, IL 61301

Sample Location	Sample By	Media	Sample Depth (inches)	Total Metals (ppm)					
				Arsenic	Lead	Cadmium	Zinc	Manganese	Potassium
Vegetable Garden Cleanup Levels (2017 ROD)				18	400	6.4	1,379	1,056	-
Yard Area Cleanup Levels				18	400	88	29,864	2,329	-
Section A	Brownfield 02/21/2023	Grass	0	-	-	-	-	608	2,130
		Soil	0-3	6.4	225	4.7	616	515	1,410
			3-6	7.3	145	7.2	990	444	1,260
	0-6		20	860	61	6,000	830	-	
	6-12		11	220	25	3,300	590	-	
	12-18		6.2	88	9.8	1,400	390	-	
EPA 09/2020	18-24	6.8	90	8.3	1,400	380	-		
Section B	Brownfield 02/21/2023	Grass	0	-	-	-	-	1,640	3,120
		Soil	0-3	25	447	50.1	5,170	1,610	1,960
			3-6	11.2	2,000	24.1	2,960	795	1,180
	0-6		18	270	32	3,900	720	-	
	6-12		12	110	13	1,600	780	-	
	12-18		9.2	47	5	740	730	-	
EPA 09/2020	18-24	8	27	2.1	310	520	-		
Section C	Brownfield 02/21/2023	Grass	0	-	-	-	-	924	<120
		Soil	0-3	14.3	90.6	11.3	1,430	659	1,700
			3-6	22.9	192	20.9	2,530	715	1,680
	0-6		21	210	24	3,000	1,100	-	
	6-12		19	120	16	2,100	890	-	
	12-18		11	33	3.4	520	590	-	
EPA 09/2020	18-24	8.6	24	2	310	840	-		
Section D	Brownfield 3/9/2023	Soil	0-3	15.5	96.3	11.9	1,480	943	1,740
			0-6	23	130	19	2,500	970	-
	6-12		21	94	15	1,800	1,200	-	
	12-18		14	51	6.4	820	1,500	-	
	EPA 09/2020		18-24	11	20	1.2	240	910	-

Notes:
 No vegetable gardens were present on the property during the time of sampling by Brownfield
 The data for Brownfield's sampling on 3/9/2023 only includes the results for the parameters also sampled by the US EPA in September

EPA Yard & Vegetable Garden Cleanup Levels			
	Suggested Precautions	Yard Area	Vegetable Garden
	Play with Caution, Garden with Caution, and Dig with Caution • Avoid bare soil and do not disturb grass • If possible, limit play in this area • Leave shoes at the door • Wash hands after coming inside, especially before eating and sleeping • Follow "Garden with Caution" and "Dig with Caution" guidelines below	At 0"-6": Arsenic above 18 ppm Lead above 400 ppm Cadmium above 88 ppm Zinc above 29,864 ppm Manganese above 2,329 ppm	At 0"-6": Arsenic above 18 ppm Lead above 400 ppm Cadmium above 6.4 ppm Zinc above 1,379 ppm Manganese above 1,056 ppm
	Garden with Caution and Dig with Caution • Wear gloves while gardening • Launder gardening clothes separately • Wash produce thoroughly • Wash hands after coming inside, especially before eating and sleeping • Follow "Dig with Caution" guidelines below	At 6"-12": Arsenic above 18 ppm Lead above 400 ppm Cadmium above 88 ppm Zinc above 29,864 ppm Manganese above 2,329 ppm	At 6"-12": Arsenic above 18 ppm Lead above 400 ppm Cadmium above 6.4 ppm Zinc above 1,379 ppm Manganese above 1,056 ppm

Soil Analytical Results Summary

1524 Zinc Street

LaSalle, IL 61301

		Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels				
Sample ID	1524 Zinc	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)	Metals Background Outside Metropolitan Statistical Area	Background	
Media	Soil						Range	Median
Date Collected	1/24/2023							
Manganese (mg/kg)	885	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,550	-	-	-	-	1,100	280 - 5,600	1,100

- Indicates a concentration exceeds a Residential Remediation Objective
- Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:
 No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID **Sample Location**
 1524 Zinc Front Yard of the 1524 Zinc Street residence

Soil Analytical Results Summary

1613 Zinc Street

LaSalle, IL 61301

Sample ID	1613 Zinc Street (0"-3")	Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
		Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	3/9/2023							
Arsenic (mg/kg)	5.3	** (11.3)	750	18	18	11.3	0.35 - 22.4	5.2
Barium (mg/kg)	115	5,500	690,000			122	22.4 - 253	122
Cadmium (mg/kg)	<0.5	78	1,800	88	6.4	0.5	ND (<0.2 - 5.2)	0.5
Chromium (mg/kg)	12.6	230	270			13	4.3 - 37	13
Lead (mg/kg)	14.1	400	-	400	400	20.9	ND (<7.44 - 270)	20.9
Selenium (mg/kg)	<1.0	390	-			0.37	ND (<0.1 - 1.7)	0.37
Silver (mg/kg)	<0.2	390	-			0.5	ND (<0.06 - 5.9)	0.5
Manganese (mg/kg)	436	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	1,450	-	-	-	-	1,100	280 - 5,600	1,100
Zinc (mg/kg)	71.7	23,000	-	29,864	1,379	60.2	ND (<5.5 - 400)	60.2
Mercury (mg/kg)	<0.05	23	20			0.05	ND (<0.01 - 1.67)	0.05

Indicates a concentration exceeds a Residential Remediation Objective
 on exceeds the Yard Area Cle:

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

**** Arsenic: For the ingestion route see Section 742.Appendix A, Table G of the Illinois Pollution Control Boards (IPCB) Title 35 Procedural and Environmental Rules. The value from 742.Appendix A, Table G is included in

Sample ID Sample Location

1613 Zinc Street (0"-: Front Yard of the 1613 Zinc Street residence from a depth ranging between 0"-3"

Soil Analytical Results Summary

1649 Zinc Street

LaSalle, IL 61301

		Illinois EPA TACO Soil Remediation Objectives		Federal EPA Soil Cleanup Levels		Metals Background Outside Metropolitan Statistical Area	Background	
Sample ID	1649 Zinc	Residential Ingestion Remediation Objective	Residential Inhalation Remediation Objective	Yard Area Cleanup Levels (2019 ESD)	Vegetable Garden Cleanup Levels (2017 ROD)		Range	Median
Media	Soil							
Date Collected	1/24/2023							
Manganese (mg/kg)	514	1,600	69,000	2,329	1,056	630	61.5 - 3,710	630
Potassium (mg/kg)	2550	-	-	-	-	1,100	280 - 5,600	1,100



Indicates a concentration exceeds a Residential Remediation Objective



Indicates a concentration exceeds the Yard Area Cleanup Levels (2019 ESD)

Notes:

No vegetable gardens were present on the property during the time of sampling by Brownfield

Sample ID

1649 Zinc

Sample Location

Front yard of the 1649 Zinc Street residence